


# ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

| <b>Title of Invention</b> | THERMAL BARRIER COATING AND A METHOD OF APPLYING SUCH A COATING   |  |                          |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
|---------------------------|---|--|--------------------------|-------------------|-----------|--------------|---|------------|----------------------------|-------|--|------------|--|-------|------------|------------|----------------|-------|------------|------------------|--------------------|-------|------------|------------------|-------------------------|-------|------------|------------------|----------------------|-------|------------|------------------|----------|------|------------|------------------|-------------|-------|------------|------------------|---------------------|-------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|------------------|------------|------|------------|------------------|-------------|------|------------|
| Submission Type :         | Utility Patent Filing   |  |                          |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| Application Number:       | 10/605372   |  |                          |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| EFS ID:                   | 48310   |  |                          |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| Server Response:          | <table border="1"> <thead> <tr> <th>Confirmation Code</th> <th>Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>2371</td> </tr> <tr> <td>WUTL1</td> <td>Filename= 075890056NPUS01-pkda.xml<br/>BusinessRule= The utility patent submission does not include an us-fee-sheet XML document.</td> </tr> <tr> <td>WUTL2</td> <td>Filename= 075890056NPUS01-pkda.xml<br/>BusinessRule= The utility patent submission does not include at least one declaration.</td> </tr> </tbody> </table>   |  |                          | Confirmation Code | Message   | ISVR1        | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | ICON1      | 2371                       | WUTL1 | Filename= 075890056NPUS01-pkda.xml<br>BusinessRule= The utility patent submission does not include an us-fee-sheet XML document. | WUTL2      | Filename= 075890056NPUS01-pkda.xml<br>BusinessRule= The utility patent submission does not include at least one declaration. |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| Confirmation Code         | Message   |  |                          |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| ISVR1                     | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application   |  |                          |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| ICON1                     | 2371  |  |                          |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| WUTL1                     | Filename= 075890056NPUS01-pkda.xml<br>BusinessRule= The utility patent submission does not include an us-fee-sheet XML document.  |  |                          |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
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| First Named Applicant:    | Jan WIGREN  |  |                          |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| Attorney Docket Number:   | 07589.0056.NPUS01   |  |                          |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| Timestamp:                | 2003-09-25 16:10:13 EDT   |  |                          |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| From:                     | us  |  |                          |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| File Listing:             | <table border="1"> <thead> <tr> <th>Doc. Name</th> <th>File Name</th> <th>Size (Bytes)</th> <th>Date Produced (yyyymmdd)</th> </tr> </thead> <tbody> <tr><td>us-request</td><td>075890056NPUS01-usrequ.xml</td><td>1887</td><td>2003-09-25</td></tr> <tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2003-09-25</td></tr> <tr><td>us-request</td><td>us-request.xml</td><td>33300</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>75890056-trans.xml</td><td>25061</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>us-application-body.xml</td><td>83497</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isoamso.ent</td><td>1934</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isoamsr.ent</td><td>7073</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isogr3.ent</td><td>3559</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isomfrk.ent</td><td>4553</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isomopf.ent</td><td>2571</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isomscr.ent</td><td>4628</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isotech.ent</td><td>5268</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isobox.ent</td><td>3568</td><td>2003-09-25</td></tr> <tr><td>application-body</td><td>isocyr1.ent</td><td>5345</td><td>2003-09-25</td></tr> </tbody> </table> |  |                          | Doc. Name         | File Name | Size (Bytes) | Date Produced (yyyymmdd)  | us-request | 075890056NPUS01-usrequ.xml | 1887  | 2003-09-25   | us-request | us-request.dtd   | 19064 | 2003-09-25 | us-request | us-request.xml | 33300 | 2003-09-25 | application-body | 75890056-trans.xml | 25061 | 2003-09-25 | application-body | us-application-body.xml | 83497 | 2003-09-25 | application-body | application-body.dtd | 49498 | 2003-09-25 | application-body | wipo.ent | 4956 | 2003-09-25 | application-body | mathml2.dtd | 54588 | 2003-09-25 | application-body | mathml2-qname-1.mod | 13225 | 2003-09-25 | application-body | isoamsa.ent | 5191 | 2003-09-25 | application-body | isoamsb.ent | 3988 | 2003-09-25 | application-body | isoamsc.ent | 1460 | 2003-09-25 | application-body | isoamsn.ent | 5620 | 2003-09-25 | application-body | isoamso.ent | 1934 | 2003-09-25 | application-body | isoamsr.ent | 7073 | 2003-09-25 | application-body | isogr3.ent | 3559 | 2003-09-25 | application-body | isomfrk.ent | 4553 | 2003-09-25 | application-body | isomopf.ent | 2571 | 2003-09-25 | application-body | isomscr.ent | 4628 | 2003-09-25 | application-body | isotech.ent | 5268 | 2003-09-25 | application-body | isobox.ent | 3568 | 2003-09-25 | application-body | isocyr1.ent | 5345 | 2003-09-25 |
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| us-request                | us-request.dtd  | 19064  | 2003-09-25               |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
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| application-body          | application-body.dtd  | 49498  | 2003-09-25               |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
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| application-body          | isoamsn.ent   | 5620   | 2003-09-25               |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| application-body          | isoamso.ent   | 1934   | 2003-09-25               |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| application-body          | isoamsr.ent   | 7073   | 2003-09-25               |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| application-body          | isogr3.ent  | 3559   | 2003-09-25               |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| application-body          | isomfrk.ent   | 4553   | 2003-09-25               |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| application-body          | isomopf.ent   | 2571   | 2003-09-25               |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| application-body          | isomscr.ent   | 4628   | 2003-09-25               |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| application-body          | isotech.ent   | 5268   | 2003-09-25               |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| application-body          | isobox.ent  | 3568   | 2003-09-25               |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |
| application-body          | isocyr1.ent   | 5345   | 2003-09-25               |                   |           |              |   |            |                            |       |  |            |  |       |            |            |                |       |            |                  |                    |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |             |      |            |                  |            |      |            |                  |             |      |            |

| Doc. Name        | File Name                | Size (Bytes) | Date Produced (yyyymmdd) |
|------------------|--------------------------|--------------|--------------------------|
| application-body | isocyr2.ent              | 2504         | 2003-09-25               |
| application-body | isodia.ent               | 1508         | 2003-09-25               |
| application-body | isolat1.ent              | 5282         | 2003-09-25               |
| application-body | isolat2.ent              | 9007         | 2003-09-25               |
| application-body | isonum.ent               | 5913         | 2003-09-25               |
| application-body | isopub.ent               | 6621         | 2003-09-25               |
| application-body | mmlextra.ent             | 7901         | 2003-09-25               |
| application-body | mmlalias.ent             | 38209        | 2003-09-25               |
| application-body | soextblx.dtd             | 12870        | 2003-09-25               |
| application-body | FIG1-2.tif               | 10862        | 2003-09-25               |
| package-data     | 075890056NPUS01-pkda.xml | 6181         | 2003-09-25               |
| package-data     | package-data.dtd         | 27025        | 2003-09-25               |
| package-data     | us-package-data.xsl      | 19263        | 2003-09-25               |
| Total files size |                          | 492980       |                          |

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